9th Class 2019

Physics	Group-II	Paper-
Time: 15 Minutes	(Objective Type)	Marks: 1

Note: Four possible answers A, B, C and D to ea question are given. The choice which you think correct, fill that circle in front of that question wi Marker or Pen ink in the answer-book. Cutting filling two or more circles will result in zero mark that question.

1-1- Law of Inertia is known as:

(a) First law of motion √
(b) Second law of motion
(c) Third law of motion
(d) Momentum

2- Water freezes at:

(a) 0°F (b) 32°F √
(c) –273 K (d) 0°K

3- The Einstein's mass-energy equation 'C' is the

(a) Speed of sound
(b) Speed of light √
(c) Speed of electron
(d) Speed of earth

4- Cheetah can run at a speed of:

(a) 50 km h^{-1} (b) 60 km h^{-1}
(c) 70 km h^{-1} √ (d) 80 km h^{-1}

5- One horsepower is equal to:

(a) 744 W (b) 745 W
(c) 746 W √ (d) 748 W

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Radiation is the mode of transfer of heat from one place to another in the form of waves called:

(a) Mechanical waves
(b) Transverse waves
(c) Compressional waves
(d) Electromagnetic waves √

Coefficient of friction between tyre and wet road is:

(a) 0.1 (b) 0.2 √
(c) 0.3 (d) 0.4

Value of sin 30° is:

(a) 0 (Zero) (b) 0.5 √
(c) 0.707 (d) 0.866

The value of 'g' at a height one earth's radius above the surface of earth is:

(a) 2 g (b) $\frac{1}{2}$ g
(c) $\frac{1}{3}$ g (d) $\frac{1}{4}$ g √

)- **Thermal conductivity of wood is:**

(a) 0.06 $Wm^{-1} K^{-1}$ (b) 0.07 $Wm^{-1} K^{-1}$
(c) 0.08 $Wm^{-1} K^{-1}$ √ (d) 0.09 $Wm^{-1} K^{-1}$

1- **One litre is equal to:**

(a) 1 mm^3 √ (b) 1 cm^3
(c) 1 dm^3 (d) 1 m^3

2- **Density of ice is:**

(a) 900 kg m^{-3} (b) 910 kg m^{-3}
(c) 920 kg m^{-3} √ (d) 930 kg m^{-3}

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